

Experiment Number: C16008-02

Test Type: TOX

Route: Dosing in Feed

Species/Strain: Mouse/B6C3F1/N

PA43: Hematology Summary

Test Compound: Crumbrubber various

CAS Number: CRUMBRUBBERVARIOUS

Date Report Requested: 03/08/2018

Time Report Requested: 11:02:13

Lab: Battelle

C Number: C16008-02

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

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Female: Core Females

	Phase Day	Treatment Groups (ppm)	
		0	50000
Hematocrit (%)	SD 14	56.1 ± 0.8 (10)	55.8 ± 1.0 (10)
Percent of Control			99.5
Manual Hematocrit (%)	SD 14	50.6 ± 0.5 (9)	50.3 ± 0.8 (10)
Percent of Control			99.5
Hemoglobin (g/dL)	SD 14	16.2 ± 0.1 (10)	16.1 ± 0.3 (10)
Percent of Control			99.6
Erythrocytes (10 ⁶ /uL)	SD 14	10.62 ± 0.10 (10)	10.51 ± 0.18 (10)
Percent of Control			99.01
Reticulocytes (10 ³ /uL)	SD 14	289.7 ± 12.1 (10)	300.0 ± 12.2 (10)
Percent of Control			103.6
Mean Cell Volume (fL)	SD 14	52.8 ± 0.4 (10)	53.1 ± 0.3 (10)
Percent of Control			100.5
Mean Cell Hemoglobin (pg)	SD 14	15.3 ± 0.1 (10)	15.3 ± 0.1 (10)
Percent of Control			100.6
Mean Cell Hemoglobin Concentration (g/dL)	SD 14	28.9 ± 0.2 (10)	28.9 ± 0.2 (10)
Percent of Control			100.0
Platelets (10 ³ /uL)	SD 14	1006 ± 24 (10)	963 ± 42 (10)
Percent of Control			96
White Blood Cells (10 ³ /uL)	SD 14	5.07 ± 0.54 (10)	3.96 ± 0.24 (10)
Percent of Control			78.19
Neutrophils (10 ³ /uL)	SD 14	0.61 ± 0.12 (10)	0.36 ± 0.02 (10) *
Percent of Control			59.05

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	Phase Day	Treatment Groups (ppm)	
		0	50000
Lymphocytes (10 ³ /uL) Percent of Control	SD 14	4.25 ± 0.47 (10)	3.42 ± 0.23 (10) 80.42
Monocytes (10 ³ /uL) Percent of Control	SD 14	0.06 ± 0.01 (10)	0.05 ± 0.01 (10) 91.38
Basophils (10 ³ /uL) Percent of Control	SD 14	0.02 ± 0.00 (10)	0.01 ± 0.00 (10) 75.00
Eosinophils (10 ³ /uL) Percent of Control	SD 14	0.11 ± 0.01 (10)	0.10 ± 0.01 (10) 87.72
Large Unstained Cells (10 ³ /uL) Percent of Control	SD 14	0.02 ± 0.00 (10)	0.02 ± 0.00 (10) 83.33

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LEGEND

Values given as mean \pm SEM (N) with Percent of Control calculated by (dosed group mean / control group mean) x 100

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

Hematology for gestation phase includes pregnant females only

Statistical analysis performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests (unless otherwise noted).

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Statistical analysis performed using the Mann-Whitney U test for comparing the two groups.

**** END OF REPORT ****